

From: "Stephen M. Shearer, 695-7719" <shearer@eplram.dnet.dupont.com>
Subject: RE: CMOS superkey II battery power

> I've had a couple in inquiries about the single battery I use in my
>superkeyer...it's an Energizer #523 which gives me 4.5 volts in one cell,
>larger than an AA but smaller than a C. I've had the same battery in the
>unit for almost a year now.
>aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

Thank you for the suggestion. I knew a 4.5 volt battery was around (my Mac+ uses it for the clock). I looked into the Allied Electronics catalog, and found (2) 4.5 volt batteries.

#523BP (NEDA #1306A)	16.85mm (dia) x 49.95mm long	- photo/smoke	\$4.77
#531BP (NEDA #1307A)	16.8mm (dia) x 58.3mm long	- photo	\$4.89

Looks like they can be "made" to fit a AA or C cell holder...

72/73 Steve WB3LGC

From owner-qrp-l@netcom.com Mon Jan 9 05:34:52 1995
Date: Mon, 9 Jan 1995 10:23:22 +0200 (EET)
From: "Jon Iza" <iapizloj@bi.ehu.es>
Message-Id: <199501091023249967.iapizloj@s835cc.bi.ehu.es>
Subject: DDS.BAS request

Hi, gang, happy 95
After successfully completing both Techno Whizzy and Novatech DDS, I'm looking for the DDS.BAS program or a more elaborated version. I'll try to do my best with it and send back my contraptions to the sender(s) or any other interested parties.
Share and enjoy!
jon, ea2sn
Jon Iza / Chem.& Environ. Engngn. / University of the Basque Country
Escuela de Ingenieros Phone +34 (9)4 427 8055 x2364
Alameda de Urquijo s/n Fax +34 (9)4 441 4041
E-48013 Bilbao, Spain Ham ea2sn <= lowercase: I'm a qrp'er!
*** Anaerobic digestion is Hot Shit! :-)

From owner-qrp-l@netcom.com Mon Jan 9 23:52:02 1995
Date: Mon, 9 Jan 1995 22:11:52 -0500 (EST)
From: Michael Marmor <mmarmor@pluto.njcc.com>
Subject: E-mail filter is great!
Message-Id: <Pine.BSI.3.91.950109221011.797A-100000@pluto.njcc.com>

Thanks to everyone who e-mailed me with their hints and kinks for getting my E-mail filter working. Special thanks to Smitty and

Malcolm who sent me copies of their filter-rules and .forward files! Along with the many helpful suggestions, I received several requests to re-post whatever I might learn about the mail filter. Here it goes....

The filter program is working very well for managing the qrp-l and has made it possible for me to subscribe to several other lists of interest without being bogged down by tons of disorganized mail. The obvious benefit of the filter program is that personal and business mail are the only messages in my e-mail inbox and I get a message that tells me that 'I have mail' only when these important messages appear. I have discovered one benefit of using filter that I had not anticipated. Because all the messages from a list are saved in one file I can let the qrp-l mail build up for several days and, when I have time (like on the weekend), I can download this file from my dial up account and read it leisurely at home off line. Its like my own private "digest" of the qrp-l that is always waiting and ready to read when I have a minute. Also, low volume lists like the Sony ICF-2010 SWL list have their own "folder" and don't get lost in the "noise" of the qrp-l :-)

I am using Elm as my mail program but I tried using Pine with filter and it worked fine too. Here is a copy of my "filter-rules" file which lives in the ~/.elm directory of my unix account. I don't claim to understand the subtleties of unix, but I am learning more and more as I play with commands like filter. I am told that the path for the filter program on my system is non standard so copying my file exactly probably will not work for your system! There are experts on this list who can help you set up the filter program if you want to try it. Unfortunately I am not one of these experts! Anyway, here is a copy of my filter-rules file which has made the qrp-l (and several other lists) a pleasure to read. Maybe it will help you write a file appropriate for your system.

```
##$HOME/.elm/filter-rules
# Note: Requires ~/.forward file below:
#      "|/usr/contrib/bin/filter -o/tmp/mmarmor.filter-errors"
#
# QRP List -- qrp-l@netcom.com
# To get off this list mail to: listserv@netcom.com
if (sender "owner-qrp-l" then save "~/Mail/qrp-l"
#
# Filter tests get saved to a folder called "filter-test"
if (subject "filter test") then save "~/Mail/filter-test"
#
```

```
# CCD Camera List -- ccd@wwa.com
# To get off this list mail to: ccd-request@wwa.com
if (to "ccd") then save "~/Mail/ccd-1"
#
# FM-10 transmitter list -- fm-10@dg-rtp.dg.com
# To get off this list mail to: listserver@dg-rtp.dg.com
if (to "fm-10") then save "~/Mail/fm-10-1"
#
# Sony ICF-2010 Shortwave Radio list -- icf-2010@cup.hp.com
# To get off this list mail to: icf-2010-request@cup.hp.com
if (to "icf-2010") then save "~/Mail/2010-1"
```

73
Michael Marmor, AA2UJ
mmarmor@pluto.njcc.com

From owner-qrp-1@netcom.com Mon Jan 9 19:57:40 1995
Date: Mon, 9 Jan 1995 15:25:50 -0800
From: dgf@netcom.com (David Feldman)
Message-Id: <199501092325.PAA09839@netcom5.netcom.com>
Subject: Enamel paint as used on older Ten-Tecs

Does anyone know where I might get a glossy enamel paint as used on the top/front panels of the power-mite series (it is a kind of yellowish color; I don't know what the real name is)?

73 Dave WBOGAZ dgf@netcom.com

(home for wayward, orphaned, abused and abandoned Ten-Tec power-mites)

From owner-qrp-1@netcom.com Mon Jan 9 16:19:38 1995
From: "Warren E. Lewis" <saswel@unx.sas.com>
Message-Id: <199501091638.AA08131@cardamom.unx.sas.com>
Subject: In Search of 1000M/Watt Award
Date: Mon, 9 Jan 1995 11:38:12 -0500 (EST)

Okay gang...I want some more wallpaper for the Shack.

I have yet to break the 1000M/W barrier. I typically run between 2 and 5 watts with my rigs into a stinky antenna system. I am ready to try in the 1/2 watt range.

I would like to set up schedules with folks at least 500 miles away to see if I can break this barrier with my current station.

So if anybody wants to help me attempt to finally break this curse, please send me email and we can setup a schedule.

Thanks from the bottom of my Paper Chasing Heart!! :-)

- Warren

Note: I am within 5 Miles of Steve's, AB4EL, Latitude and Longitude:
35.81245N, 78.65849W

--

Warren E. Lewis	saswel@unx.sas.com
Technical Support Division	(919) 677-8001 x6542
SAS Institute Inc.	PP-ASEL
Cary, NC	AD4ZE DOD#0021

From owner-qrp-l@netcom.com Mon Jan 9 23:59:33 1995

From: ab4el@Cybernetics.NET (Stephen Modena)

Message-Id: <9501092309.AA00367@Cybernetics.NET>

Subject: In Search of 1000M/Watt Award

Date: Mon, 9 Jan 1995 18:09:10 -0500 (EST)

> From: "Warren E. Lewis" <saswel@unx.sas.com>

> Subject: In Search of 1000M/Watt Award

>

> I have yet to break the 1000M/W barrier....

>

> Note: I am within 5 Miles of Steve's, AB4EL, Latitude and Longitude:

> 35.81245N, 78.65849W

I want to support Warren's effort...giving him every mile that he deserves. :^) And maybe Paul's (AA4XX) effort.

Warren needs to tell me where his street is in Cary...'cuz the truth is that Raleigh area maps can't/don't keep up with new subdivisions. While I was looking up my geographic location, I could not find Paul's street on a city map...and can't find Warren's either.

In both cases I'd like an email with a descriptor of where their street is (maybe as though I were driving there)...so that when I go to the Census Maps, I can absolutely locate them. I mean the Census maps have each corner labeled to about the 8th significant digit *after* the decimal point....on a map that covers about 2 miles square for the Raleigh Urban area. Obviously, good enough for MIRV targeting...

BTW, if Larksville is interested in a refinement, I need to be told

where the QTH is within what appears to be a U-shaped incorporated area...or maybe the centroid-COG is good enough. ;^) I have a xerox of that GS map here.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-1@netcom.com Mon Jan 9 17:44:36 1995

Date: Mon, 9 Jan 1995 11:40:59 +0700

Message-Id: <9501091840.AA00321@ringworld.upl.com>

From: kub@upl.com (Steve Kubisch)

Subject: Keyer for the Sierra

Hi Gang,

Ever since completing my Sierra, I have been thinking about adding a built in keyer. While ordering a WM-1 wattmeter from Dick at OHR recently, I took advantage of his Winter Sale prices and got the Iambic keyer kit also.

First things first, how is this little 2" X 1 3/4" board going to fit in the Sierra case. After a little looking around inside I decided there isn't as much room as there is in the NC40, with the band module sticking up in the middle. Tried the left rear corner first but that covered the output power pot, can't have that. Finally settled on the right rear corner above the power switch. Drilled one hole in the board between traces and used a standoff to mount the keyer board. Used a nylon washer between the standoff and the top of the Sierra board to reduce the possibility of shorting traces. Star type lock washers on the bottom of both boards for a good connection to the ground plane. I only used one standoff and the other end of the keyer board rests on the plastic case of the power switch.

Removed the board and built it up. No problems but some of the solder pads are VERY small and require a pencil point soldering iron and a steady hand. When installing the Curtis Keyer Chip care must be taken to prevent static discharge as this is a CMOS device.

Now, where to mount the speed pot and the tune-operate switch. Trying to save precious front panel space, I decided to mount the switch on the back above the power switch. The pot will go just above the RIT switch on the front. Far enough away from the VFO as not to interfere and still leaves room for the meter to be installed later. The paddle socket went where Wayne had already punched the hole for it. Went with a mini instead of the full size phone one that was supplied.

Installed the board and wired it up. All the wires were short except the two to the speed control pot which I ran all the way to the left to avoid the band module and the VFO.

Rechecked my wiring and applied the power. Plugged in the Kent paddles and tried it out. With a little fiddling with the weight pot, it worked great. The speed pot supplied with the kit was a 500K Audio taper that they use as a variable resistor. They suggest shorting the wiper so the pot works backward, turn it counter clockwise to increase speed. I understand why they did this to get a less sensitive adjustment at the speeds most people operate but this would have driven me nuts. If you turn a knob clockwise, the speed should increase, right? I rooted through the junk box and came up with a 500K Linear taper pot and installed it so it worked the way I thought it should, clockwise = increase speed. It's a little touchy but usable.

It's great to have the built-in keyer so I don't have to pack the MFJ Econo Keyer around, its almost as big as the rig. The Sierra cries for these mods and a panel meter is next. That's the best part of QRP homebrew, having something to do when the bands don't cooperate.

73,

Steve -WW7Y-

From owner-qrp-1@netcom.com Mon Jan 9 23:45:51 1995
Date: Mon, 9 Jan 95 20:43:23 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501100243.AA13770@chuck.dallas.sgi.com>
Subject: Kit/Rig Analysis

Gang,

If you have one or more kits/rigs that you can fill the information into, email it to me and I'll put them all together and put them at the ftp site(s). We need all the inf we can get. In the case where there is conflicting information, I'll email to parties involved.

All parties who submit will get credit for their submittals. This is not a political territory kinda thing. I don't have (at least I think that I don't) have a NIH (not invented here) attitude. We're all in this together.

So get out the measuring equipment and start measuring currents, outputs, read the poop sheets and email to me. The clock is ticking on this.

Thanks for your support.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Jan 9 12:10:42 1995
From: "RICHARD HIEBER" <SZ0026@daphne.rrze.uni-erlangen.de>
Date: Mon, 9 Jan 1995 16:26:04 MET
Subject: linear ad, FAQ, etc.
Message-Id: <13F95864AC5@daphne.rrze.uni-erlangen.de>

Hi gang,

when I returned from my holidays (Paris was just fantastic!) I expected some more mails from QRP-L than just the tiny few that I found. - Oh well, I resubscribed and got the missing ones from our digest site (thanks to the maintainer of this facility!). But one mail that I send just before the Xmas holidays got lost - so here it comes again:

Hi gang,

a last question before I shut up for this year :-)

Some weeks or months ago I read some references to an ad that was supposedly running in one of the american ham magazines. As I understood from what I was reading, a well known QRP fellow was posing proudly in front of a high power amplifier, smoking a big cigar and grinning devilishly.

I'd like to see that ad! Is it still running? Where can I find it?

If the picture is anything like I think it is, it could be a great opener for my upcoming QRP presentation at the local club. At least it should be good for a laugh or two, especially after explaining what power the guy on the picture is normally running. Goes to show what a good-humoured bunch QRPers are ...

Best thing would be if anybody on the list could scan the ad and email

it to me. If somebody can give me some background info that would also be highly appreciated. A greyscale picture file in any of the known formats would be fine. I have no problem receiving large chunks of mail, so don't hesitate to email me (but please don't post such files to QRP-L).

I'll be "driving home for christmas" (Chris Rea, they play it all the time now on the radio) tonight and I'll be in Paris, France, at the New Year's Eve - so it will take some time until I come back to you. But answer I will.

Thanks to all who responded privately or in public to my question concerning "QRPing in a sunspot low". I still don't know when exactly we will arrive at the bottom of the valley - will have to go and look into the propagation columns of some ham mags of several years ago and draw my conclusions. I might be able to discover if the lower bands really *improve* during a sunspot minimum. But I think I'm gonna make friends with 80 and 160 next time anyway :-)

You and your families have a merry Xmas and a good start into a prosperous and fruitful 1995. Happy testing, building and operating!

Richard Hieber, DL8MFQ / AA8CP
sz0026@daphne.rrze.uni-erlangen.de
Practice random kindness and senseless acts of beauty!

My work on the FAQ hasn't progressed as much as I had wished. It was very time consuming to scan the (German) ham magazines of the last ten or fiveteen years for relevant articles. Not that anyone had asked me to do this - but I wanted to have an idea about the representation of our speciality in the 'mainstream' literature :-) and also to collect some points of reference for the fellows in my region of the world who are subscribing to these magazines.

Anyway, will start to arrange the collected material now, have an EMAIL exchange with the other OMs interested in or working on it and then send it out to the list? Or what? FAQs normally are long files and I wouldn't want to annoy these poor fellows that are paying for their incoming mail by the byte. So should I just give a reference to the FAQ FTP site?

By the way, I received a mail on Packet Radio from an italian ham informing me of the founding of an "I QRP club". Very nice sounding, especially if you shorten it to IQ-club :-)

I will relay his information and also the announcement of an I QRP

spring contest one of the next days to the list - forgot to bring the disk with me.

72 de Richard, DL8MFQ / AA8CP

From owner-qrp-l@netcom.com Mon Jan 9 14:39:10 1995
Date: Mon, 9 Jan 95 09:41:12 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501091541.AA13236@chuck.dallas.sgi.com>
Subject: MI Continued

Got sidetracked again and didn't finish. On Saturday, after the NorTex meeting I spent the day running around Dallas doing errands and stuff.

Decided that I would do single band 40M in the MI Test. After sunset turned on the Sierra and WOW. RTTY stuff from 7.035 or so up to 7.050 and we are talking QRO 40over9 signals! Every once in a while I could catch some QRP signals, but only one worked, a VE4.

Next morning, Sunday, after sunrise, worked Ernie, W8MVN, who again was stronger than ever. Those loops are working great guns with the ARK-40.

Another K8 and that was it. No log to send in on this one. No new states.

dit dit
Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Jan 9 12:23:21 1995
Date: Mon, 9 Jan 95 08:37:16 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501091437.AA13157@chuck.dallas.sgi.com>
Subject: MI QRP Test

Several have posted. I was up early and had rig on while updating some stuff on the computer. But I didn't have the schedule for the contest in front of me, so I hadn't realized it was started.

I was tuning around 7.040 and heard W0MHS/7 in UT calling CQ TEST so I called him and he came back. Then heard NF0Z calling and I go in QSO

with him. He was going to do the contest, but he was getting ready for the CQC club meeting, so I became his first contact for the test.

Larry, NF0Z, was going to CQC (Colorado QRP Club) meeting a little bit later and I was going the the NQC (NorthTexas QRP Club) meeting in two hours also. I told Larry that I really liked their chart that they include with each newsletter. He said that he was the one responsible for it. I forgot to ask him if we could post it to the net. What the chart is, for those that haven't seen it, is a spreadsheet type format on a single 8"x11" page in landscape format with columns for each rig. I'll list the column headings here, but it might just be a neat format for information about rigs that we each and everyone can gather on missing rigs for the CQC chart.

Here are the columns:

MFR:Model:Unit:Modes:Kit?:Bands:RX:Filter:RIT:Gain:AGC:Preamp:Atten:RX
Drain:SPKR:Meter:
S Tone:VFO:Output:TX Drain:Keyer:QSK:Volts:Price

The chart that I have in front of me is v.2.1.

The MFR column, for manufacturer, is a number with the manufacturer details on the back of the page with address and phone numbers.

We could use this format, in ASCII row format, for new kits and others to add to the FAQ (which I should have version 1.0 ready at end of this week and others are working on one also, so this will be a group effort - in a way where there may be several independent FAQs and then the net can consolidate the information into a generic complete FAQ. There is so much information on QRP that there will be independent files available through ftp for KITS, ANTENNAS, LITERATURE, etc. for more detailed and specific information.

So I propose that we use the following format (and it's just a suggestion and open for modification by the reviewing party(ies)) on qrp-l:
NOTE: Please do not reproduce this with the information following the colon (:). Those are some of the options. Let's minimize the number of characters posted, please, pretty please with sugar on it. :-)

RIG PROFILE (NF0Z FORMAT of CQC)

Manufacturer & Address:
Model Number:
Unit: (RX,TX,XCVR,TUNER,KEYER,...)
Modes: (CW,SSB,FM,...)
KIT?: (YES,NO,EITHER)
Bands:

RX (DC,Superhet,...)
Filter: (Audio,XTAL,BOTH,IF,SCAF,...)
RIT: (YES,NO)
Gain: (AF,RF,IF,Combo,...)
AGC: (YES,NO)
Preamp: (YES,NO)
Atten: (YES,NO)
RX Drain: (mA)
SPKR: (YES,NO)
Meter: (YES,NO)
S Tone: (YES,NO,Signal directly monitored,...)
VFO: (YES,NO)
Output: (W)
TX DRAIN: (mA)
Keyer: (YES,NO)
QSK: (YES,NO) ***Without relays <K5FO>***
Volts: (V) Power requirements such as 1.5V,4.5V,6V,12V,24V,....
Price:
Comments: (short notes, not detailed review, save that for publication)
REVIEWER: (Call, email adr, ... about individual providing info to qrp-l)
DATE:

NOTE: the Comments,REVIEWER,DATE added by K5FO as useful info in qrp-l to trace by the geneology of the data. We know that the information that is posted to qrp-l is distributed world-wide and someone may want to know where the data come from.

If you think there is a need for another bit of information, like difficulty rating (1-10), case included, quality of instructions, list of owners known on the net,, then send me email. I don't want to start N copies of this format posted to qrp-l and filling up peoples mail boxes.

Maybe we can get QRP ARCI in QQ to use a similar format, but this will get into a political scenario with the manufacturers, as some will feel that it is unfair, especially when they get hit with some of the customer related issues. Data is data, but ranking is political and subjective. :-)

So I think I've given credit where credit is due. Larry, NF0Z, thanks for the format and the work. Someone in the CQC (cqc@aol.com) relay this to Larry and return his feedback. We could use him here. :-)

FYI

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Jan 9 20:36:13 1995
Date: Mon, 9 Jan 1995 14:21:41 -0800 (PST)
From: Monte Stark <mswmod@sage.dri.edu>
Subject: Re: MI QRP Test
Message-Id: <Pine.SUN.3.90.950109141857.5316A-100000@nimbus>

Hi Chuck,

Funny that you should mention Larry, NF0Z. I just had a nice chat with him this am while driving to work. He was using a MFJ 9040 and there was no drift. Also a good operator and nice fellow to chat with.

The only thing wrong is that a friend here is Larry, NF7P, and I had a heck of a time sending the right call!

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
..mswmod@sage.unr.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-l@netcom.com Mon Jan 9 12:34:11 1995
From: "Warren E. Lewis" <saswel@unx.sas.com>
Message-Id: <199501091412.AA07704@cardamom.unx.sas.com>
Subject: Re: Mich January CW Contest
Date: Mon, 9 Jan 1995 09:12:59 -0500 (EST)

Byron,

----- Byron8LCZ@aol.com writes -----

>

> The Michigan Annual January CW contest is now history. How did everyone do ?

Played with it for about an hour. Worked 18 Stations(17 on 40M and 1 on 20M).

> It sure was a quiet contest, very little QRM, I was surprised how few
> contesters were on the bands.

That's funny...I thought just the opposite...I thought there seemed to be a great turnout.

And boy did Ernie, W8MVN have a heck of a signal. Once again he was

20 over here in North Carolina.

Thanks for the report and will look for everyone during the ARCI SSB
Fireside sprint, and FOX hunts.

cheers - Warren

--

Warren E. Lewis
Technical Support Division
SAS Institute Inc.
Cary, NC

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(919) 677-8001 x6542
PP-ASEL
AD4ZE DOD#0021

From owner-qrp-l@netcom.com Mon Jan 9 23:46:45 1995
From: Cooktk@aol.com
Date: Mon, 9 Jan 1995 17:23:43 -0500
Message-Id: <950109172342_3688686@aol.com>
Subject: Re: Mich January CW Contest

Byron,
hi, just saw your posting about the MI-QRP 'test'. I had the following
results:

40m	80m	20m
41 qso's	42 qso's	5 qso's
21 S/P/C	23 S/P/C	6 S/P/C

88 qso's, 50 S/P/C's
41 members

used a 135 foot zepp on 80/40 and tribander on 20
used a just completed (fri evening) OHR CLASSIC(love it!!) on 40/20 and a
modified Ten Tec Paragon on 20.I was having so much fun with the CLASSIC on
40m, that I just didn't feel like getting on 20m, (had to go to 80m at times
if I wanted to make any contacts-hi)
worked CQ on 80 meters, for best on that band....I found the rty contest to
be a real problem on 40m in the evenings....
73's
Tim, NZ8J

From owner-qrp-l@netcom.com Mon Jan 9 15:06:42 1995
Message-Id: <9501091451.AA09303@us4rnc.pko.dec.com>
Date: Mon, 9 Jan 95 09:57:20 EST
From: "N100Q Tom R. @ MR01 09-Jan-1995 0938" <randolph@est.enet.dec.com>
Subject: N100Q is on the air!

Finally got my 40m tx working yesterday! Boy have I learned a lot from
building this puppy!

Contacted VE3?WL (never did get that letter) and N4SWS in Toronto and Suffolk, VA respectively, running 3W into an inverted-vee at 30 ft. The band was a little weak and both QSOs ended by fading away, but you couldn't wipe the grin off my face for an hour or so! Oh yah, the VE3 station was also QRP... this wasn't one of you guys, was it?

-Tom R. N100Q randolph@est.enet.dec.com

From owner-qrp-l@netcom.com Mon Jan 9 18:19:28 1995
Date: Mon, 9 Jan 95 14:12:16 MST
From: torell@sicom.com
Message-Id: <9501092112.AA18141@sicom.com>
Subject: Ocean State IS alive!

Ocean State is back from vacation, and answering their phones again. They said my order was shipped 1-03, so I should have a 40 M transmitter soon!
Kent Torell KJ7EY torell@sicom.com

From owner-qrp-l@netcom.com Mon Jan 9 02:36:46 1995
Date: Sun, 8 Jan 1995 20:10:56 -0700 (MST)
From: Richard Kendrick <rrk@ramp.com>
Subject: Re: oner, twoer, twofer?
Message-Id: <Pine.3.89.9501082016.A1345-0100000@taz.ramp.com>

Letting the smoke out of the capacitor, eh? Smells worse than burnt resistor. Disregard the splotches of electrolyte on the ceiling of my shop :-).

The ZTX651 is equivalent to an ECG123A, which is a good old 2N2222. Watch the pinouts. Can't find any thing on the ZTX751. I think Digi-Key sells VN10KM fets.

Richard Kendrick CET WA7TWI		
Amateur Radio Extra Class		Do not adjust your mind, there is
QRP #4129/G-QRP #8591/MI-QRP #M-1412		a fault in reality.
email: rrk@ramp.com		

From owner-qrp-l@netcom.com Mon Jan 9 10:19:47 1995
From: BOBME@LAGUNA.EPCC.EDU
Date: Mon, 09 Jan 1995 07:19:48 -0600 (MDT)
Subject: Re: oner, twoer, twofer?
Message-Id: <Pine.3.89.9501090754.A538997066-0100000@LAGUNA.EPCC.EDU>

On Sun, 8 Jan 1995, Richard Kendrick wrote:

> Letting the smoke out of the capacitor, eh? Smells worse than burnt
> resistor. Disregard the splotches of electrolyte on the ceiling of my
> shop :-).

>

Now you know what makes capacitors work. SMOKE In fact, it has been
proven that smoke is what makes all electronic components work. Haven't
you noticed that whenever the smoke is let out of an electronic device,
it no longer works? :^)

Bob, N0HDL

From owner-qrp-1@netcom.com Mon Jan 9 13:02:22 1995
Date: Mon, 9 Jan 1995 09:05:46 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: oner, twoer, twofer?
Message-Id: <Pine.SUN.3.91.950109090429.25904D-100000@ume>

this sounds like what may have happened...any other similiar experiences
out there? I was using an 14.060 crystal and small variable cap across TR1.

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no subsitute for skill"

On Sun, 8 Jan 1995 JEVERHART@cayman.vf.ge.com wrote:

> Dr Rick,

>

> I'm not real sure what's up but I experienced a smiliar problem with the oner.
> If key the rig and you have no vfo hooked up to the npn transistor TR1, its
> collector can sit at a dc level of several volts. This can try to turn on TR3,
> making it a dead short circuit to ground. This can cook TR2 and TR3. With an
> rf signal applied, current through these devices is limited by the ac
> impedance of the RFC.

>

> BTW, pretty good relacements for TR1 and TR2 are 2N3904 and 2N3906,
> respectively. TR3 can be replaced by a VN2222L, if you can find them. I think
> Digi-Key carries all of the above. I'm not sure about shipments to the frozen
> north, (sorry, 8-)) but here in the USA, Dig-Key ships within 24 hours AND
> takes major credit cards. They can be a real help when you need a part in a
> hurry.

>

> 72/73 and good luck!

>

> Joe E. N2CX
>

From owner-qrp-1@netcom.com Mon Jan 9 14:33:22 1995
Date: Mon, 9 Jan 1995 10:31:27 -0500 (EST)
From: James Lyons <jlyons@CAM.ORG>
Subject: Re: oner, twoer, twofer?
Message-Id: <Pine.SOL.3.91.950109103047.9218C-1000000@ocean>

Sounds like the modern, electronic version of the phlogiston theory!

On Mon, 9 Jan 1995 BOBME@LAGUNA.EPCC.EDU wrote:

>
>
> On Sun, 8 Jan 1995, Richard Kendrick wrote:
>
> > Letting the smoke out of the capacitor, eh? Smells worse than burnt
> > resistor. Disregard the splotches of electrolyte on the ceiling of my
> > shop :-).
> >
> Now you know what makes capacitors work. SMOKE In fact, it has been
> proven that smoke is what makes all electronic components work. Haven't
> you noticed that whenever the smoke is let out of an electronic device,
> it no longer works? :^)
>
> Bob, N0HDX
>
>

From owner-qrp-1@netcom.com Mon Jan 9 08:08:07 1995
Date: Mon, 09 Jan 1995 01:34:23 GMT
From: Rev George Dobbs <g3rjv@gqrp.demon.co.uk>
Message-Id: <527@gqrp.demon.co.uk>
Subject: Re: QRP Calling Freqs

In message <1995Jan08.000859.5259@wb3ffv.ampr.org> Mike Czuhajewski writes:
> Yes, the Considerate Operators Guide shows 7040 KHz as the RTTY DX
> frequency, and has for years, as far as I know. And 7040 KHz has been
> the QRP calling freq for years and years as well. Which came first? I
> have no idea, but must not be a MAJOR problem since I have never heard
> any real complaints about it from the RTTY DX community. Or maybe
> QRPers are too weak to bother RTTY DX :-)
> 73 and Queue Our Pea DE
> WA8MCQ
> --
> Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org

> E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
> The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
> Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

>-----
IN EUROPE WE USE 7030 AS A QRP CALLING FREQ.
7040 IS TOO HIGH TO BE USEFUL
>-----

--

George Dobbs G3RJV "It is vain to do with more,
G-QRP Club what can be done with less."
----- William of Occam (1290-1350)

From owner-qrp-l@netcom.com Mon Jan 9 22:50:08 1995
Date: Mon, 9 Jan 1995 10:02:15 -0800 (PST)
From: "Henry B. Smith" <hbs@crl.com>
Subject: Re: QRP Calling Freqs
Message-Id: <Pine.SUN.3.91.950109095936.14656B-100000@crl11.crl.com>

On Sat, 7 Jan 1995, John Moriarity wrote:

> After reading Michael Flanagan's recent posting of QRP calling
> frequencies, I picked up the January '95 QST. On page 86 they
> have 'The "Considerate Operator's Frequency Guide" '. The 40
> meter RTTY DX frequency is shown as 7.040 MHz. This is 40 kHz
> below what is shown as the 40 meter RTTY band.
>
> That's really considerate of the QRP folks, isn't it.
>
> I'm not a RTTY operator these days, so I don't know for certain,
> but I hope it's a mistake.
>
> Regards,
>
> John, K6QQ
>

Well John,

I have heard RTTY, PACKET and SSB on 7.040. It is not a very good
frequency for qrp.

I tend to hang around 7.030 where things are a little more sane.

Smitty, NA5K/m

From owner-qrp-l@netcom.com Mon Jan 9 20:00:49 1995
Date: Mon, 9 Jan 1995 10:22:35 -0400 (EST)
From: bbaileyh <bbaileyh@indiana.edu>
Subject: Ramsey hr-20
Message-Id: <Pine.3.89.9501091049.A16916-0100000@ezmail.ucs.indiana.edu>

Has anyone out there tried the 20 meter version of the Ramsey kits?? Both receiver and transmitter? If anyone has any feedback or comments on the operation of these kits, please let me know, OK? Thanks for your help.

From owner-qrp-l@netcom.com Mon Jan 9 14:58:38 1995
Date: Mon, 9 Jan 95 09:52:41 -0700
From: Mark Monninger <markm@bigfoot.sps.mot.com>
Message-Id: <9501091652.AA18625@bigfoot.sps.mot.com>
Subject: Smoke (Was: Re: oner, twoer, twofer?)

Bob, NOHDH, wrote:

>Now you know what makes capacitors work. SMOKE In fact, it has been

>proven that smoke is what makes all electronic components work. Haven't

>you noticed that whenever the smoke is let out of an electronic device,

>it no longer works? :^)

This reminds me of the paper that explains that light bulbs don't actually produce light, they remove dark. I have a copy of the paper if anyone is interested. It all makes perfect sense to me...

Mark AA7TA

From owner-qrp-l@netcom.com Mon Jan 9 02:38:06 1995
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9501090333.AA10487@Cybernetics.NET>
Subject: SSB Fox Hunt -- Wed Jan 11th
Date: Sun, 8 Jan 1995 22:33:15 -0500 (EST)

! ! ! ! ! THE GREAT SSB QRP FOX HUNT ! ! ! ! !

THIS CALENDER IS NORTH AMERICAN TIME!!!

Week	HUNT DAY	FOX
-----	-----	-----
DEC 18-DEC 24	22 DEC:	AB4EL --completed--
DEC 25-DEC 31	-----no	ssb fox-----
JAN 01-JAN 07	JAN 03:	WA3JPG --completed---

JAN 08-JAN 14 11 Jan: KF8EE 9PM - 11PM EST (details below)

=====This week's Fox Chase=====

SCHEDULE: Times are EASTERN STANDARD on WED evening 11 Jan

EST TIME	BAND SEG
-----	-----

9:00--9:30 pm	7.225-7.231	(Not higher! The Century Club Net is on 7.2335 at that time!)
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9:30--10:00 pm	7.210-7.220	Requires EXTRA/ADVANCED license
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<band hop period>

10:00--10:30 pm	3.780-3.788	Requires EXTRA/ADVANCED license
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10:30--11:00 pm	3.900-3.910	(The Century Club Net is on 3.9035)
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JAN 15-JAN 21	18 Jan:	VE6GK	7PM - 9PM MST	(details later)
JAN 22-JAN 28	23 Jan:	WB8ZJL		(details later)
JAN 29-FEB 04	31 Jan:	N8VAR	9PM - 11PM EST	(details later)
FEB 05-FEB 11	09 Feb:	N2KPY		(details later)
FEB 12-FEB 18	15 Feb:	KF8EE	9PM - 11PM ?ST	(details later)
FEB 19-FEB 25				
FEB 26-MAR 04	28 Feb:	N8VAR	9PM - 11PM EST	(details later)
MAR 05-MAR 11	06 Mar:	K9UXU	8PM - 10PM PST	(details later)
MAR 12-MAR 18				
MAR 19-MAR 25				
MAR 26-APR 01				

Note: The CW schedule has been announced for these dates (North American):
Jan 04, 12, 16, 22 (kf8ee), Feb 07 [each one day later UTC]